

A New Distributional Record of *Malthinellus bicolor*
(Coleoptera, Cantharidae, Malthininae) from Yaku Island,
Southwest Japan, with a List of Cantharids Recorded from the Island

Naoki TAKAHASHI*

Junshin Junior College, 1–1–1 Chikushigaoka, Minami-ku, Fukuoka, 815–8510 Japan

The genus *Malthinellus* comprises seven species known from East and Southeast Asia, three of which have been known to occur in Japan (TAKAHASHI & N. TAKAHASHI, 2007). As regards the Japanese species of the genus, *Malthinellus chujoi* and *M. masataakai* are found on the islands of the middle Ryukyus, and *M. bicolor* is distributed in Korea and the mainland of Japan except for Hokkaido. I was able to examine the material of the latter from Yaku Island lying in the northern Ryukyus; the collecting data are given below as a new distributional record from the island.

Malthinellus bicolor KIESENWETTER, 1874

[Japanese name: Futairo-chibi-jōkai]

Malthinellus bicolor KIESENWETTER, 1874, 281. — NAKANE, 1963, 173. — BABA & M. SATŌ, 1984, 25 (new to Sado Is.). — M. SATŌ, 1985, 116. — KIM & KANG, 2000, 116 (new to Korea). — N. TAKAHASHI, 2003, 15 (new to Shikoku). — TAKAHASHI & N. TAKAHASHI, 2007, 148 (in key).

Table 1. List of cantharids recorded from Yaku Island, Southwest Japan.

Subfamily	Species	Reference
Cantharinae	<i>Asiopodabrus nakaai</i> (NAKANE, 1990)	IMASAKA & OHTSUKA (1996)* ¹
	<i>Lycocerus matsunagai</i> (IMASAKA et OKUSHIMA, 2000)	OKUSHIMA & IMASAKA (2000) ²
	<i>Lycocerus suturellus luteipennis</i> (KIESENWETTER, 1874)	TAKEUCHI (1931)* ³
	<i>Lycocerus vitellinus</i> (KIESENWETTER, 1874)	TAKEUCHI (1931)* ⁴
	<i>Macrohabronychus (Habronychus) miyatakei</i> (ISHIDA, 1986)	ISHIDA (1986) ⁵
	<i>Stenothemus badius</i> (KIESENWETTER, 1874)	M. SATŌ (1971) ⁶
Malthininae	<i>Malthinellus bicolor</i> KIESENWETTER, 1874	Present study
	<i>Malthodes yakushmanus yakushmanus</i> N. TAKAHASHI, 2001	N. TAKAHASHI (2001)
Silinae	<i>Laemoglyptus pectinatus</i> (LEWIS, 1895)	M. SATŌ (1971)

* No collecting data. ¹ Recorded as *Podabrus nakaai*. ² Recorded as *Athemus (Andrathemus) matsunagai*. ³ Recorded as *Telephorus suturellus*. ⁴ Recorded as *Telephorus vitellinus*. ⁵ Recorded as *Habronychus miyatakei*. ⁶ Recorded as *Cantharis badia*.

*Present address: The Kyushu University Museum, Kyushu University, Fukuoka, 812–8581 Japan

Specimen examined. 1 ♀, Koyôji-rindô (110–130 m), Kurio, Yakushima Is., 28–V–2005, H. Inoue leg.

Distribution. Japan (Honshu, Sado Is., Awaji Is., Shikoku, Kyushu, Yaku Is. — New record); Korea.

Cantharid species, known from Yaku Island until now, were enumerated as presented in Table 1. Of the nine species listed herein, only two, *Macrohabronychus* (*Habronychus*) *miyatakei* and *Malthodes yakushmanus yakushmanus*, are endemic to the island, and the other seven are distributed in the Japanese mainland with their southernmost distributional end at Yaku Island.

I wish to express my gratitude to Dr. Hiromitsu Inoue (National Institute of Fruit Tree Science, Kuchinotsu) and Mr. Shôichi IMASAKA (Kurume) for their kindness in offering the invaluable material or useful information.

References

- BABA, K., & M. SATÔ, 1984. The cantharid-beetles of Is. Sadogashima, Niigata Pref. *Trans. Essa ent. Soc.*, (58): 23–26. (In Japanese.)
- IMASAKA, S., & I. OHTSUKA, 1996. The family of Cantharidae (Coleoptera) from Kumamoto Prefecture, Kyushu, Japan. *Kumamoto-Konchû-Dôkô-Kaihô, Kumamoto*, 40: 33–71. (In Japanese.)
- ISHIDA, K., 1986. The genus *Habronychus* WITTMER of Japan (Coleoptera: Cantharidae). *Trans. Shikoku ent. Soc.*, 17: 215–220.
- KIESENWETTER, H., 1874. Die Malacodermen Japans nach dem Ergebnisse der Sammlungen des Herrn G. LEWIS während der Jahre 1869–1871. *Berl. ent. Z.*, 18: 241–288.
- KIM, J.-I., & T.-H. KANG, 2000. Taxonomic study of Korean Cantharidae (Coleoptera) I. Silinae, Malthininae, and Chauliognathinae. *Ins. Koreana*, 17: 111–120.
- NAKANE, T., 1963. Cantharidae. In NAKANE, T., et al. (eds.), *Icon. Ins. Japon. Col. nat., ed., 2* (Coleoptera): 170–173, pls. 85–87. Hokuryukan, Tokyo. (In Japanese.)
- OKUSHIMA, Y., & S. IMASAKA, 2000. Three new species of the genus *Athemus* (Coleoptera, Cantharidae) from Japan. *Elytra, Tokyo*, 28: 373–385.
- SATÔ, M., 1971. Miscellaneous notes on the Coleoptera-fauna of the Ryukyu Archipelago, IV. *Trans. Shikoku ent. Soc.*, 11: 36.
- 1985. Cantharidae. In KUROSAWA, Y., et al. (eds.), *The Coleoptera of Japan in Color*, 3: 107–119 [incl. pls. 17–19]. Hoikusha, Osaka. (In Japanese.)
- TAKAHASHI, K., & N. TAKAHASHI, 2007. A new species of the genus *Malthinellus* (Coleoptera, Cantharidae) from Okinawa Is., Southwest Japan, with notes on the genus *Malthinellus*. *Elytra, Tokyo*, 35: 142–148.
- TAKAHASHI, N., 2001. Taxonomic study of the genus *Malthodes* from Japan (Coleoptera: Cantharidae) I. Discovery of new species in the Nansei Islands, Southwest Japan. *Ent. Sci., Tokyo*, 4: 89–108.
- 2003. Distributional records of a few malthinine species in Japan. *Coleopt. News, Tokyo*, (141): 15–16. (In Japanese.)
- TAKEUCHI, K., 1931. Beetles of the Island of Yakushima. *Trans. Kansai ent. Soc.*, (2): 67–72. (In Japanese.)